

03050108-030

(Beaverdam Creek/Warrior Creek)

General Description

Watershed 03050108-030 is located in Laurens County and consists primarily of **Beaverdam Creek and Warrior Creek** and their tributaries. The watershed occupies 35,247 acres of the Piedmont region of South Carolina. The predominant soil types consist of an association of the Cecil-Madison-Davidson-Pacolet series. The erodibility of the soil (K) averages 0.26, and the slope of the terrain averages 14%, with a range of 2-40%. Land use/land cover in the watershed includes: 56.7% forested land, 20.1% scrub/shrub land, 18.8% agricultural land, 1.8% urban land, 1.6% barren land, and 1.0% water.

Beaverdam Creek flows into the Enoree River near the Town of Enoree and further downstream Warrior Creek enters the river. Beaverdam Creek accepts drainage from Wallace Branch and Warrior Creek accepts drainage from Double Branch and Strouds Branch. There are several ponds and lakes (totaling 342.4 acres) and a total of 64.2 stream miles in this watershed, all classified FW.

Water Quality

<u>Station #</u>	<u>Type</u>	<u>Class</u>	<u>Description</u>
B-246	W/BIO	FW	BEAVERDAM CREEK AT S-30-97, 7 MI NE OF GRAY COURT
B-150	W	FW	WARRIOR CREEK AT US 221, 8 MI NNE OF LAURENS
B-742	BIO	FW	WARRIOR CREEK AT SC 49

Beaverdam Creek (B-246) - Aquatic life uses are fully supported based on macroinvertebrate community data. Recreational uses are not supported due to fecal coliform bacteria excursions.

Warrior Creek - There are two monitoring sites along Warrior Creek. At the upstream site (**B-150**), aquatic life uses are fully supported. A high concentration of zinc and a very high concentration of cadmium were measured in 1999, and a very high concentration of chromium was measured in 1995. Recreational uses are not supported at this site due to fecal coliform bacteria excursions. At the downstream site (**B-742**), aquatic life uses are fully supported based on macroinvertebrate community data.

NPDES Program

Active NPDES Facilities

<i>RECEIVING STREAM</i>	<i>NPDES#</i>
<i>FACILITY NAME</i>	<i>TYPE</i>
<i>PERMITTED FLOW @ PIPE (MGD)</i>	<i>LIMITATION</i>
<i>COMMENT</i>	
BEAVERDAM CREEK	SCG730055
VULCAN MATERIALS CO./GRAY COURT	MINOR INDUSTRIAL
PIPE #: 001 FLOW: M/R	EFFLUENT

Nonpoint Source Management Program

Land Disposal Activities

Landfill Facilities

<i>LANDFILL NAME</i> <i>FACILITY TYPE</i>	<i>PERMIT #</i> <i>STATUS</i>
SOUTHEASTERN ASSOCIATES - LAURENS INDUSTRIAL	302428-1201 -----

Mining Activities

<i>MINING COMPANY</i> <i>MINE NAME</i>	<i>PERMIT #</i> <i>MINERAL</i>
CAROLINA VERMICULITE CHARLES WALDREP	0970-59 VERMICULITE
VULCAN MATERIALS CO. GRAY COURT QUARRY	0061-59 GRANITE
WR GRACE & CO. F. WALDREP MINE	1022-59 VERMICULITE ORE
WR GRACE & CO. WRIGHT NO. 1 & 2	0278-59 VERMICULITE
WR GRACE & CO. TEMPLETON MINE	1160-59 VERMICULITE
WR GRACE & CO. DAVIS-DEWITT MINE	1018-59 VERMICULITE ORE

Growth Potential

There is a low to moderate potential for growth in this watershed, which contains the Town of Gray Court. I-385 crosses the watershed and some industrial growth may be expected around interstate interchanges.